HW#37: Area/Per. of Composite Shapes Pt. II

Geometry

Due: Wednesday, Nov. 4th

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

FAILURE TO WRITE IN COMPELTE SENTENCES OR SHOW ALL WORK WILL RESULT IN LASALLE.

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| 4 m  85 m  560 m |
| The track of the circus maximum is shown by the black lines above, with some of the dimensions labeled. Find the perimeter of the track of the arena. |
| The Ponte Santangelo in Rome, Italy |
| The bridge shown above can be recognized as a rectangle inscribed with semi-circles. Find the area of the bridge if the length of the bridge 30m and the diameter of each semi-circle is 4m. Note: the space in each semi circle is not part of the bridge! |

Part II: Review – Area of Composite Figures & Circles

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| Find the area of the shape below.  ../../../../../Downloads/28_q.gif  Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Suppose the area of a circle is 90π in. Find the radius.  Radius = \_\_\_\_\_\_\_\_\_\_ |

Part III: Review – Parallel & Perpendicular Lines

Directions: Write the slope intercept form of the equation of the line described.

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| ../../../../../Desktop/Screen%20Shot%202015-11-01%20at%208.09.09%20PM | ../../../../../Desktop/Screen%20Shot%202015-11-01%20at%208.10.49%20PM |